

**TABLE 2**

Lung lesion scores and postmortem lung bacterial culture results 4 or 5 days after intratracheal challenge with *Pasteurella haemolytica* serotype 1. (n=6 for controls and 5 each for vaccinated groups, numbers expressed  $\pm$  95% confidence interval)

	Percent lung lesions***	Geometric mean <i>P. haemolytica</i> in lung
SubQ vaccinate	7.0 $\pm$ 7.3*	1.8 x 10 <sup>2</sup> $\pm$ 0.7 x 10 <sup>2</sup> **
Oral vaccinate	4.4 $\pm$ 4.5**	1.4 x 10 <sup>2</sup> $\pm$ 0.6 x 10 <sup>2</sup> **
Control	32.0 $\pm$ 13.4	1.6 x 10 <sup>6</sup> $\pm$ 1.0 x 10 <sup>2</sup>

\*Significantly different from control values, P<0.02

\*\*Significantly different from control values, P<0.01.

\*\*\*Percentage involvement of each lobe estimated and multiplied by the lobes' contribution to overall air exchange.